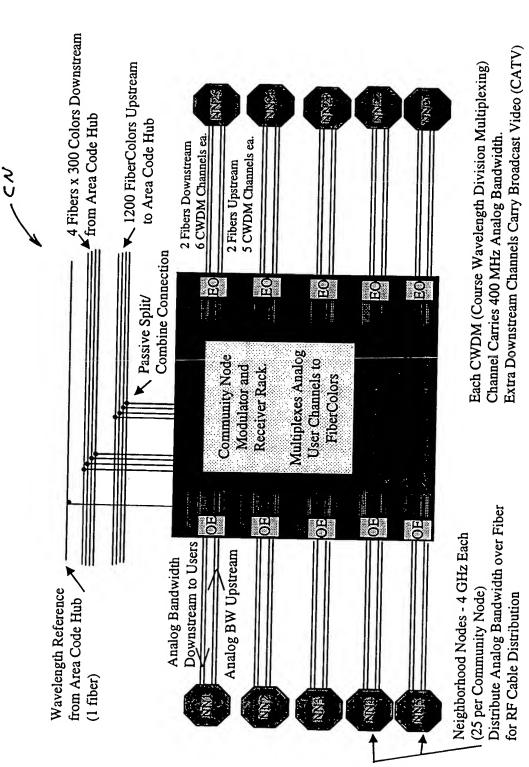


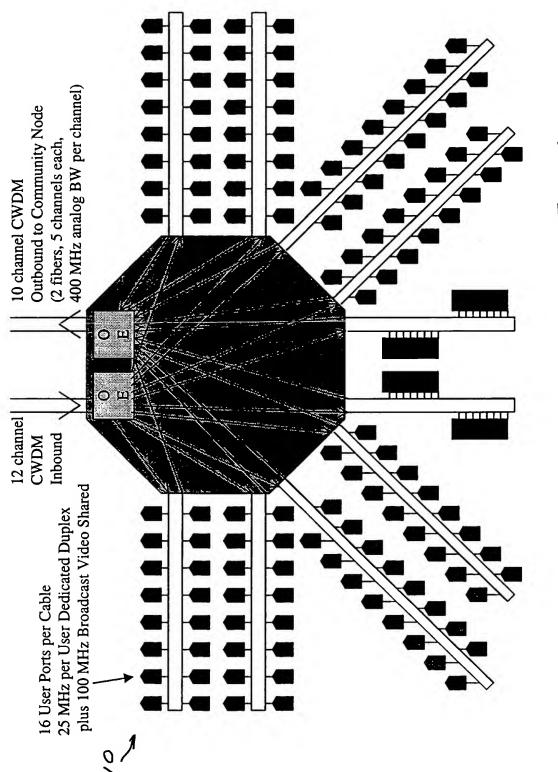
1200 FiberColors x 8.33 GHz /400,000 User Nodes = 25

Ó

F16.2

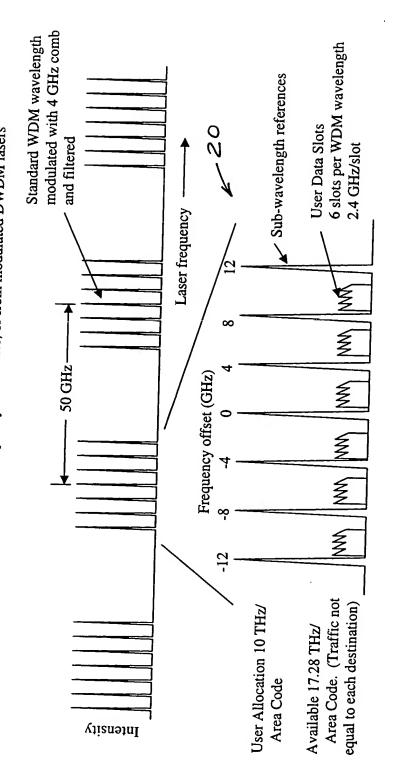


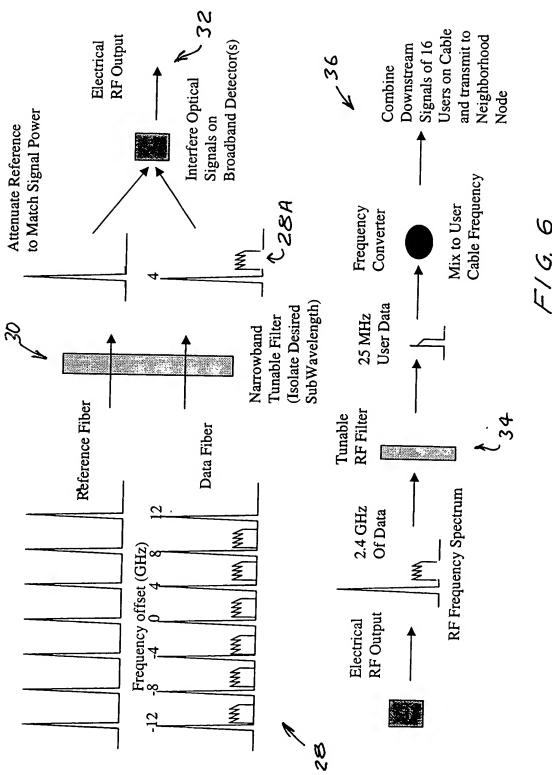
F16.3

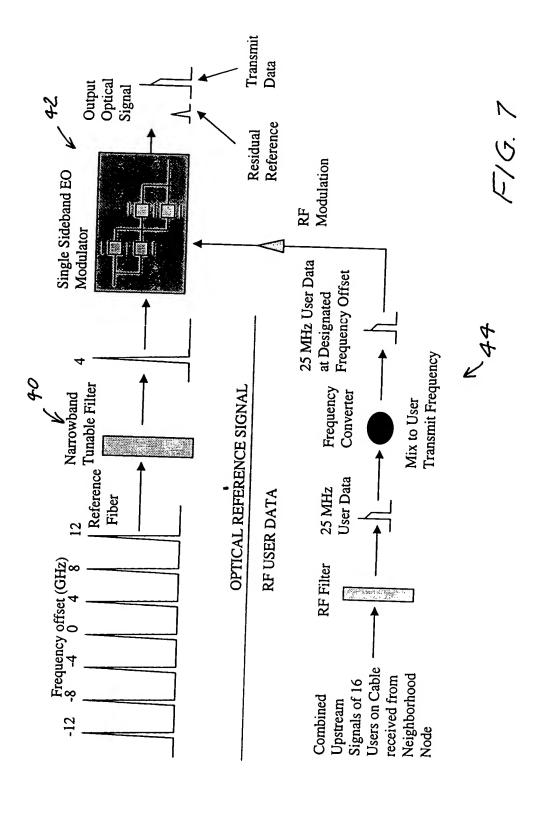


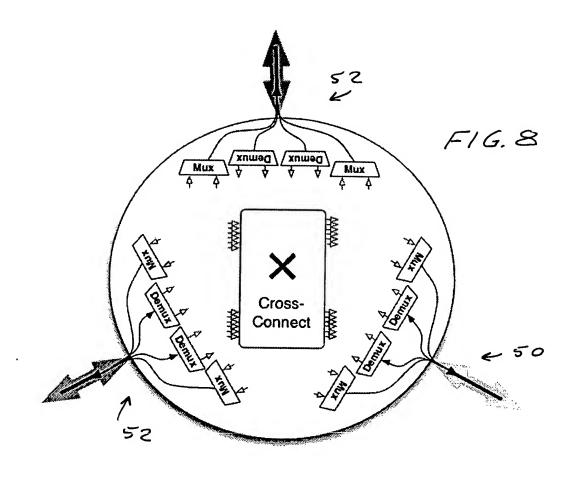
F/0.4

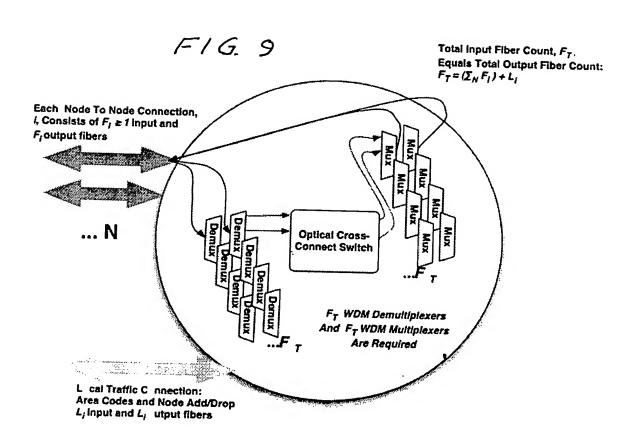
- -Accurate Laser Wavelength Comb Generated at Area Code Node
- -Or Regenerated from Central Network Reference Source
- -Standard WDM 50 GHz spacings used, to allow straightforward wavelength demux and mux in network -More accurate wavelength control (frequency to 500 MHz) used within area code.
 - -Source wavelengths either from multi-frequency fiber lasers, or from modulated DWDM lasers

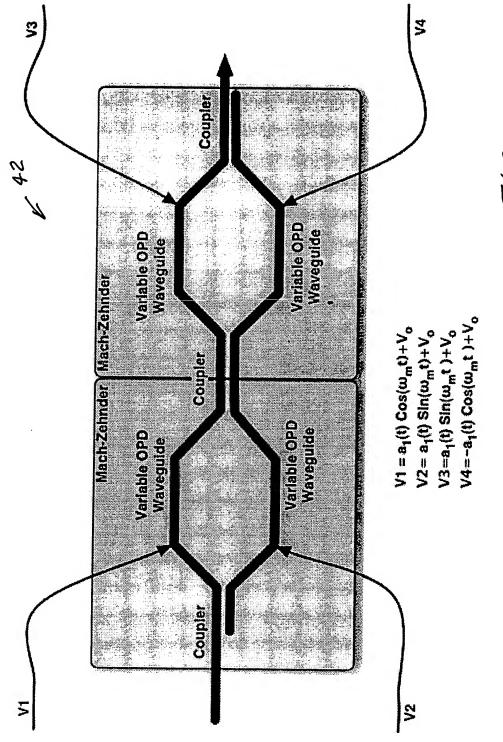




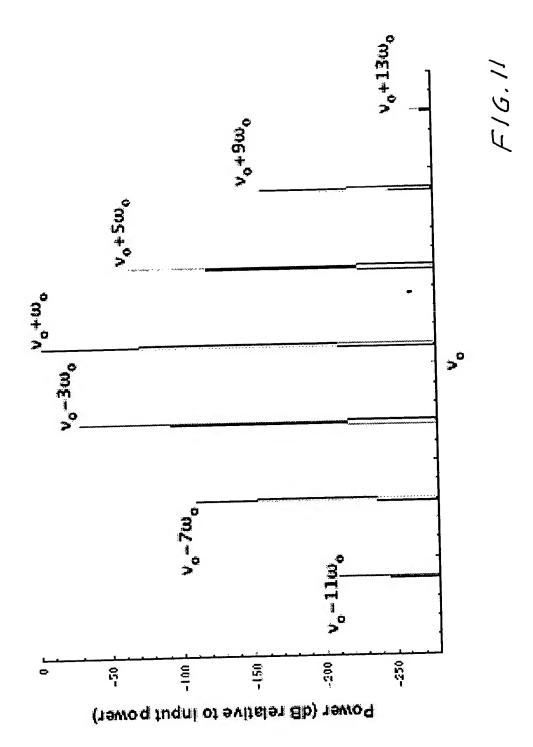


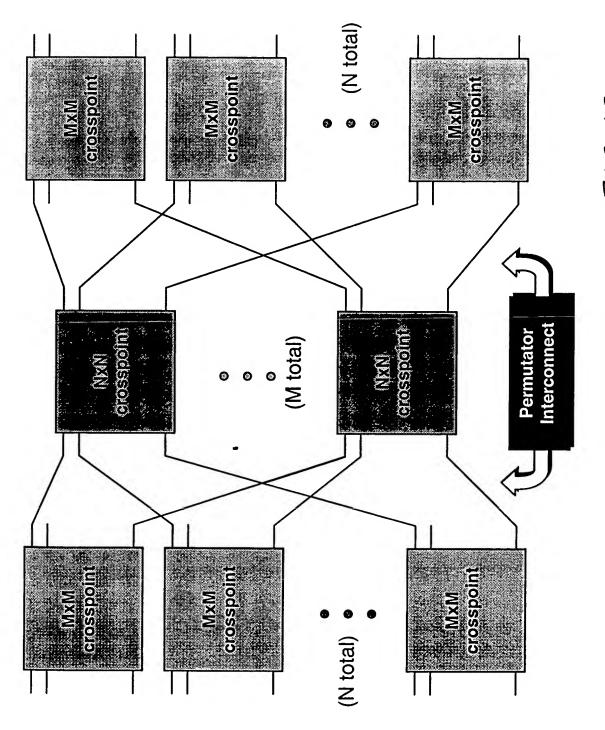






F16.10





F16.12

S0 43

\$

30

-|8

01

0

4.65

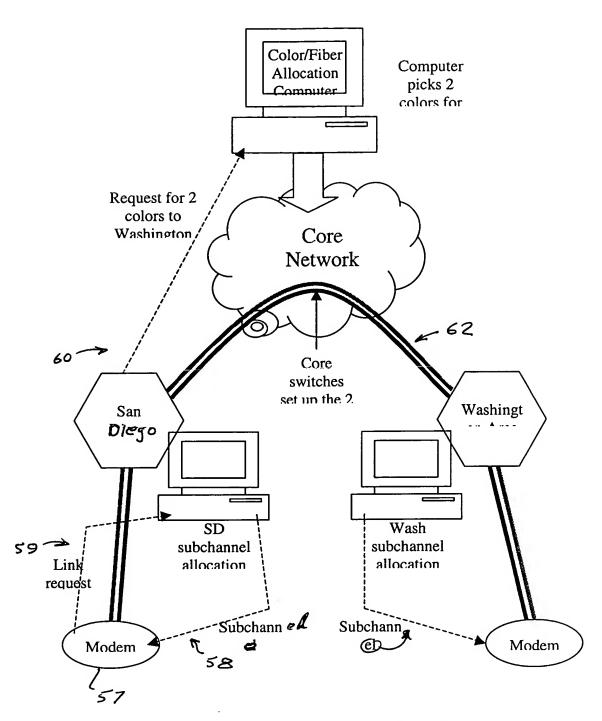
150

remainder

50

F/G, 13

F1G.15



F1G. 16